Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 18 Sep 2022 until 23:59 on Monday 19 Sep 2022

Forecast Issued on Sunday 18 Sep 2022 at 05:40

Confidence: High confidence for general story through the period. Lower confidence in regards to the extent and distribution of cloud, and the amount and timings of rain and showers through the coming week.

Headline for Sunday 18 Sep 2022: Rather cloudy with light rain and a chance of some light showers. Cold and breezy.

Mountain weather hazards on Sunday 18 Sep 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Light rain	Dull	Cloudy	Cloudy
Precipitation probability					
<05%	20%	60%	20%	10%	10%

Forecast for Sunday 18 Sep 2022

Weather: Generally cloudy with the odd bright spell developing, mainly early on. Cloud thick enough in places to produce patchy light rain at times. Showers are expected to feed in from the Irish Sea and may clip the western Peaks ate times. Isolated, mainly light, showers may develop elsewhere during the afternoon, easing by the evening. Becoming increasingly cloudy overnight, with low cloud on the summits and further outbreaks of patchy rain and drizzle expected.

Chance of cloud-free hill tops above 600m: 60%, lowering to 40% by mid-morning in the north and west. Improving to 80% by mid-afternoon.

Low cloud and visibility: Cloud bases possible from late morning around 500m, particularly for exposed slopes in the north and west. Bases lifting above the summits by mid-afternoon but may lower to obscure the highest summits in any showers. Brief deteriorations in visibility possible in showers, otherwise very good visibility expected outside of cloud.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Sunday 18 Sep 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/22 NW	12/15 W	14/18 NW	14/19 NW	9/13 N	8/10 NE	5/7 SW
300	8/11 W	11/13 W	13/18 NW	12/18 NW	7/12 NW	5/7 S	5/6 S
Valley	3/12 NW	5/10 W	10/19 NW	10/19 NW	5/14 NW	3/8 NE	3/5 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/4	8/4	9/6	10/8	9/7	8/6	8/7
300	9/7	10/7	12/10	13/11	13/11	11/10	10/10
Valley	9/8	11/10	14/12	14/12	13/12	11/11	10/10
Freezing Level*	1600m	1800m	1800m	1900m	1800m	1900m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold on the summits with the brisk northwesterly wind, and in any patchy rain or showers, therefore warm and waterproof layers are recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 18 Sep 2022	0mm	0mm	0mm

Forecast for Monday 19 Sep 2022

Weather: Extensive cloud expected across the Park with a continued risk of patchy light rain for much of the day as well as isolated showers developing. Any bright spells likely to be short-lived. Early mist and fog patches, mainly in the south and east of the Peaks, gradually lifting to low cloud before clearing.

Maximum wind: Westerly to northwesterly, 10-15mph with gusts 20-25mph.

Chance of cloud-free hill tops above 600m: 40%, improving to 80% from late-morning. Lowering to 60% again late on.

Low cloud and visibility: Low cloud with bases around 400-500m are possible during the morning, particularly in the north and west. Bases gradually lifting above 700m by midday, before lowering to around 500m late evening. Early mist or valley fog will cover some lower slopes and summits above 400m, but will lift and clear. After any early mist or fog clears, generally good visibility is expected, becoming poor in any rain.

Temperature: **Valleys:** Plus 9 Celsius, becoming Plus 14 Celsius.
At 600m: Plus 6 Celsius, becoming Plus 12 Celsius.
Freezing level: Above the summits.

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